

Date: Thu, 18 Feb 93 16:08:10 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #230
To: Info-Hams

Info-Hams Digest Thu, 18 Feb 93 Volume 93 : Issue 230

Today's Topics:

 ARRL Insurance
 Auction off the Spectrum!?! Was, Clinton's Cuts.
 Bikers Ham It up
 Bill Clinton and military surplus (2 msgs)
 Chuck Norris on 440?
 Constant 300 mhz plus signal in shop
 Delivery Failure Report (2 msgs)
 dilemma (to drill or not to drill)
 IC22S Modifications
 Kenwood 850 display
 Looking for Missouri
 Mods for IC-22S
 Quad for HF
 Real Hams Pass British Exams?
 Shortened Antennas
 TV antenna questions

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 18 Feb 93 22:10:28 GMT
From: usc!howland.reston.ans.net!newsserver.jvnc.net!netnews.upenn.edu!
mipg.upenn.edu!yee@network.UCSD.EDU
Subject: ARRL Insurance
To: info-hams@ucsd.edu

>The insurance covers REPLACEMENT cost. If you own a Kenwood TS-520, they

>will cover the price for an EQUIVALENT radio - that means you can't go out
>and by a TS-950, but you may be able to get another 520 used or possibly
>something like TS-440. The insurance carrier is VERY good, if you have
>any questions or need any further info, give them a call.

Which raises an interesting question. I have a Yaesu FT101B which I bought
used. Let us say I value it at \$300. Let us also say that it gets insured
and then stolen. The insurance company will replace it with a "similar"
radio. Since the 101 series is long discontinued, it would have to be
bought at a hamfest. There, I incur the additional risk that I purchase
a non-functioning unit. If my 101B were stolen, I would much rather put
the amount toward a new rig which I KNOW is working. The cost of the rig
would be much greater than \$300 but at least the insurance company would
pay that much of it.

When I talked to the insurance company, a couple of days ago, they didn't
mention that the rig had to be a "similar" radio. Did I forget to ask
that specific question?

--

411 Blockley Hall		Conway Yee, N2JWQ
418 Service Drive		yee@ming.mipg.upenn.edu (preferred)
Philadelphia, PA 19104		cy5@cunixa.cc.columbia.edu (forwarded to above)
(215) 662-6780		

Date: 18 Feb 93 16:32:55 -0500
From: usc!howland.reston.ans.net!gatech!darwin.sura.net!guvax.acc.georgetown.edu!
roakley@network.UCSD.EDU
Subject: Auction off the Spectrum!?! Was, Clinton's Cuts.
To: info-hams@ucsd.edu

In article <1993Feb18.091530.2408@guvax.acc.georgetown.edu>,
roakley@guvax.acc.georgetown.edu writes:
> In article <1993Feb18.132907.4898@wam.umd.edu>, ham@wam.umd.edu (Scott Richard
Rosenfeld) writes:

Change of heading only to make it more meaningful.

>>
>> I was looking through the Washington Post this morning, looking for a
>> detailed breakdown of those "belt-tightening" measures of which Clinton
>> spoke last night. Along with the taxing of Social Security (\$21 billion)
>> and alteration of Medicare (\$5 billion) is the:
>>
>> Auction of Federal Communications Commission Spectrum (\$4 billion).

```

>>
>> What exactly does this mean? I don't know, personally, but it seems
>> as though we will be having to fight for our frequencies, such as 220,
>> 902, etc. again. And I thought the FCC already charged people to use
>> the spectrum...
>>
>> Scott NF3I
>>
>>
>
> Actually, this is an idea that has been floating around for a long
> time, prompted by economic analysis of spectrum allocation. Primarily
> it is directed at commercial interests.
>
> As I understand it, the "FCC does not already charge people to use
> the spectrum". Instead, there are lengthy and complex hearings, and
> other techniques designed to sort out who should get spectrum space.
> These procedures are intended to allocate spectrum space in the public
> interest, but result in costly procedures where most of the money goes
> to the lawyers. The economists tell us that the person who values the
> space most wins anyway (because they will hire the best lawyers) and
> the same result could be had more easily without the lawyers by
> selling the space to the highest bidder.
>
> Although I am a bit fuzzy on the details, I think that is the
> essence of the proposal. As I said, it is primarily directed at
> commercial interests, but it makes me nervous, just like it does
> Scott.
>
> Who is to say it would stop at commercial spectrum? And if we
> put a value on spectrum space in this way, what is to happen if say
> UPS (to pick a company at random) offers a lot of money for our space.
> How are we to compete? This trend may make passage of H.R. 73 (last
> year's bill) more important to secure our space for our use. I would
> say we need another strong push on that bill in the new Congress.
>
> Bob
>
> ++++++
>
> Robert L. Oakley (Bob)          PHONE:      (202) 662-9160
> Georgetown Univ. Law Library    FAX:         (202) 662-9202
> 111 G Street, N.W.             BITNET:      ROAKLEY@GUVAX.BITNET
> Washington, D.C. 20001         INTERNET:   ROAKLEY@GUVAX.GEORGETOWN.EDU
>                                ARS:          WK3C
>
> ++++++
>

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Date: Thu, 18 Feb 1993 22:21:46 GMT
From: news.service.uci.edu!ttinews!harley!paulb@network.UCSD.EDU
Subject: Bikers Ham It up
To: info-hams@ucsd.edu

I have been amazed at the amount of overlap between the motorcycle group and the amateur radio group. I see a lot of call signs in the mc group and a lot of mc references in the .sig's of the amateur radio group. i even read an article about a guy who mounted a telegraph-style key on his handlebars so he could send morse code as he rode.

In my case, I chalk it up to eclectic interests. I cannot explain the overlap for others. Perhaps it has deep psychological significance or it may be nothing more than "there are a lot of people in each group (over 30,000 each) that there has got to be overlap".

Whatever it is, it exists. Ray and Bonnie Davis found that out when they and some friends decided to start an amateur radio club for motorcyclists in southern california. they thought that they would get a handful of members and stop there. WRONG! They got 105 members by word of mouth (and airwaves). Now that they have been mentioned in a motorcycle mag, the memberships keep rolling in. And not just from the area. So, they are going national. Meetings are held locally (2nd Sat of each month at Denny's, 2314 E 17th St, Santa Ana) and anyone with a 2M rig in the SoCal area can join the net on Wednesdays at 8PM on 146.985 (down 600, no pl).

You can write to them to request more info or send a donation (min \$6, \$10 preferred) to become a member. Write to: Ray Davis, 3 Lindberg, Irvine, CA 92720. Or call 714/551-1036 to talk to him or Bonnie.

BTW, the name of the club is MARC: Motorcycling Amateur Radio Club. Ray's call is KD6FHN and Bonnies is KD6OFQ.

Some people are born mediocre, some people achieve mediocrity, and some people have mediocrity thrust upon them.
-- Joseph Heller, "Catch-22"

Paul Blumstein, paulb@harley.tti.com, DoD #36, ABATE, AMA, HOG, KD6LAA
Transaction Technology, Inc., Santa Monica, CA

Date: 18 Feb 1993 18:42:41 GMT

From: news.larc.nasa.gov!arbd0.larc.nasa.gov!zawodny@uunet.uu.net
Subject: Bill Clinton and military surplus
To: info-hams@ucsd.edu

In article <1993Feb18.125124.21401@cbnewsj.cb.att.com> k2ph@cbnewsj.cb.att.com
(The QRPer) writes:

>> Let's see, Clinton has 6 letters, Billary has 6 letters, does anyone
>> know if Clinton's middle names have 6 letters? We all suspect him of
>> being the anti-Christ, can we prove it?

>

>LOTS O' STUFF DELETED

>

>Clinton has 6 letters?!? Billary has 6 letters?!?

>

>Is this the new math? :-)

It works just fine if you do not count the same letter twice clinton is a
c, i, l, n, o, and t.

Also, as an aside and comment on an earlier posting:

I was going to let this go but, Gary (KE4ZV), isn't this a bit of a departure
from your "normal" personality? Must be a die-hard republican! OH, no I can
see it now - an onslaught.

Well got to go and edit the kill file ;-)

--

Joseph M. Zawodny (K04LW)
Internet: zawodny@arbd0.larc.nasa.gov
Packet: ko4lw@wb0tax.va.usa

NASA Langley Research Center
MS-475, Hampton VA, 23681-0001

Date: 18 Feb 1993 23:17:26 GMT

From: usc!wupost!darwin.sura.net!mojo.eng.umd.edu!chuck@network.UCSD.EDU

Subject: Bill Clinton and military surplus

To: info-hams@ucsd.edu

In article <1993Feb18.125124.21401@cbnewsj.cb.att.com> k2ph@cbnewsj.cb.att.com
(The QRPer) writes:

]From article <1993Feb18.073301.27327@ke4zv.uucp>, by gary@ke4zv.uucp (Gary
Coffman):

]> In article <1993Feb17.150150.20002@mlb.semi.harris.com>

RSUMPERL@JAGUAR.ESS.HARRIS.COM (05991 SUMPERL RP) writes:

]>> Just spoke with Bill Slep of Slep electronics (military surplus), he claims

]>>Clinton has put a halt to military surplus auctions. Has anyone else heard
this?

]>
]> Let's see, Clinton has 6 letters, Billary has 6 letters, does anyone
]> know if Clinton's middle names have 6 letters? We all suspect him of
]> being the anti-Christ, can we prove it?

]
]LOTS O' STUFF DELETED
]

]Clinton has 6 letters?!? Billary has 6 letters?!?

Yep, 6 different letters in each name (note the two 'n's and the doubled 'l')
Ya gotta be pretty tricky when you're the anti-christ!

73,

Chuck Harris - WA3UQV

Date: Thu, 18 Feb 1993 17:49:07 GMT
From: panix!oppedahl@nyu.arpa
Subject: Chuck Norris on 440?
To: info-hams@ucsd.edu

In <1787700020@trsvax> rpo@trsvax.tandy.com writes:

>Here's a good one. Chuck Norris is filming a movie
>in and around Downtown Fort Worth. To coordinate production,
>they are using handy-talkies and, apparently, a repeater.

>The frequencies they are using are 443.125 and 443.975.
>Great. :^(

I believe somebody with first-hand knowledge of this should report
it to the FCC. Are the users of the HTs identifying themselves
with ham radio call signs?

Or by any chance are they actually somewhere else on the spectrum
(in the business bands, perhaps?) and due to a "birdie" in somebody's
scanner it merely _sounds_ like they are in the 70cm ham band ...

--
Carl Oppedahl AA2KW (intellectual property lawyer)
30 Rockefeller Plaza
New York, NY 10112-0228
voice 212-408-2578 fax 212-765-2519

Date: 18 Feb 93 17:51:04 EST
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa
Subject: Constant 300 mhz plus signal in shop
To: info-hams@ucsd.edu

In article <1993Feb18.130355.1398@mala.bc.ca>, wagner@mala.bc.ca wrote:
> Just got a new Gold Star Frequency counter, and don't know what's on the dial.
> Plugged the beast in and put a short wire on the 1 ghz input. The beast shows
> a solid 382.8XXX (x's are variable) mhz signal. I have tried to track it down
> and don't know of any logical source.

Tom-

A lot of sensitive counters have an oscillation at some frequency, when no signal is being received. That doesn't mean that it isn't really receiving a 382.8XXX MHz signal, but the variable X's suggest a free-running oscillation. Obviously the frequency-determining components aren't very stable.

Does your lab have a spectrum analyzer that covers this frequency? If it does, and it picks up the 382.8XXX signal, turn off the counter and see if it goes away!

73, Fred, K4DII

fred-mckenzie@ksc.nasa.gov

Date: 18 Feb 93 21:36:12 GMT
From: news-mail-gateway@ucsd.edu
Subject: Delivery Failure Report
To: info-hams@ucsd.edu

From: NAME: Mail Postmaster
FUNC:
TEL: <POSTMASTER AT NEWPRTA1 at DOHENY at
TUS>
To: "Info-Hams@UCSD.Edu"@DECWRL@MRGATE

ALL-IN-1 was unable to deliver your message dated to

"green.richard"

- no such ALL-IN-1 account;

on node NEWPRT

The subject of the message was :
Info-Hams Digest V93 #219

Date: 18 Feb 93 23:41:57 GMT
From: news-mail-gateway@ucsd.edu
Subject: Delivery Failure Report
To: info-hams@ucsd.edu

From: NAME: Mail Postmaster
FUNC:
TEL: <POSTMASTER AT NEWPRTA1 at DOHENY at
TUS>
To: "Info-Hams@UCSD.Edu"@DECWRL@MRGATE

ALL-IN-1 was unable to deliver your message dated to
"green.richard"

- no such ALL-IN-1 account;

on node NEWPRT

The subject of the message was :
Info-Hams Digest V93 #220

Date: Thu, 18 Feb 1993 21:02:58 GMT
From: swrinde!cs.utexas.edu!oakhill!news@network.UCSD.EDU
Subject: dilemma (to drill or not to drill)
To: info-hams@ucsd.edu

I'm considering buying or leasing a new car soon and asked the leasing agent about modifications to a leased car. His response was that as long as it was something to protect the vehicle or enhance its value there was no problem. I asked specifically about drilling a hole in the roof for a radio or cellular antenna. His response..."No problem."

Just adding my \$0.02 worth...

73... Mark AA7TA

Date: 18 Feb 93 23:29:37 GMT
From: news-mail-gateway@ucsd.edu
Subject: IC22S Modifications
To: info-hams@ucsd.edu

>Date: Tue, 16 Feb 1993 22:09:03 GMT
>From: usc!howland.reston.ans.net!gatech!willis1.cis.uab.edu!gila005%uab.dpo.ua
>-b.edu@network.UCSD.EDU
>Subject: Mods for IC-22S
>To: info-hams@ucsd.edu

>I was looking for references for mods to the icom IC-22S so that I
>could modify one to packet frequencies.

>Thanks in advance,
>Steve Holland, KD4TTC, also KD4TTC @ W4CUE (Birmingham, AL)

From: Cecil Moore, KG7BK, I saw an advertisement in Oct. 92 73 Magazine
for a mod kit for the IC22S from TechnoLogic Concepts, 1803 Mission St.,
Suite 308, Santa Cruz, CA. 95060. It also said they had kits for the
Ramsey transceivers.

Date: Thu, 18 Feb 1993 21:23:29 GMT
From: usc!howland.reston.ans.net!newsserver.jvnc.net!darwin.sura.net!sgiblab!
sgigate!odin!jerber.sandiego.sgi.com!jerryb@network.UCSD.EDU
Subject: Kenwood 850 display
To: info-hams@ucsd.edu

In article <1993Feb12.194719.10690@usl.edu>, cfm1471@ucs.usl.edu (Morrison
Charles F) writes:

|> Howdy,
|>
|> This question has probably passed the net a zillion times, but i have
|> never
|> found a reasonable answer from anyone in this area, so im gonna
|> circulate it
|> again.
|>
|> I have a Kenwood 850s and have noticed that when the radio sits unused
|> for
|> any extended time period, and you return to turn it on, the display has
|> an
|> delay in coming on. Is this normal? I heard it has something to do
|> with
|> the DC/DC converter for the disp. I just dont wanna wait till the
|> radio

|> is outta warranty for a free repair if there is a fix for this thing.
|>
|> Answers, please!
|>
|> Charlie
|>
|> ki5xp@ucs.usl.edu

According to Kenwood, it's going through a microprocessor start-up
diagnostic routine. Nothing's wrong with the system.

73

--

~~~~~  
Jerry Bransford  
Silicon Graphics  
(619) 546-0409  
~~~~~

Date: 18 Feb 93 21:30:29 GMT
From: swrinde!emory!logicse!sequent!muncher.sequent.com!dale@network.UCSD.EDU
Subject: Looking for Missouri
To: info-hams@ucsd.edu

I am interested in locating someone that:

1) Is located in Missouri.

AND

2) Belongs to an amateur radio club that would be interested
in operating a unique special event station this summer.

If you meet this description let me know and I'll respond with
information on what I would like to do. Because of the ease of
communication that e-mail provides I wanted to use internet for
the search. Plan B is repeater guide and ARRL.

Use mail address: dale@sequent.com or ...!uunet!sequent!dale

Sorry for net bandwidth to 99% of you that don't live in Missouri.
I did tell posting software to limit distribution to USA but no
doubt this will go world-wide.

--

dale@sequent.com OR uunet!sequent!dale
Dale Mosby 503-578-9842 N7PEX // Sequent Computer Systems, Inc.
15450 SW Koll Parkway // Beaverton, Or. 97006-6063

Date: 18 Feb 93 18:02:45 EST
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa
Subject: Mods for IC-22S
To: info-hams@ucsd.edu

In article <C2M5Js.846@boi.hp.com>, king@boi.hp.com (Steve King) wrote:

>
> I used a 10.24 megahertz xtal and, if I remember, bypassed the flop going into
> the divide by N. This is similar to the mod using the 5.12 megahertz crystal
but
> I found it easier to locate a 10.24 megahertz crystal (at least for me since I
> stole it from a CB radio I bought for \$5). You get 10K steps but don't try any
duplex

Steve-

I once had the 10.240 MHz crystal go bad in a CB I was modifying to ten
meters. I used a spare 10.245 MHz crystal that is normally used to convert
a 10.7 MHz IF to 455 KHz 2nd IF. The result was slightly wide channel
spacing that was barely perceptible comparing the lowest to the highest
frequency, in the 40+ channel radio. I believe you could use it in the
IC-22S and not notice the error, since so few channels are involved in the
packet frequencies.

73, Fred, K4DII

fred-mckenzie@ksc.nasa.gov

Date: Thu, 18 Feb 1993 17:53:31 GMT
From: usc!sdd.hp.com!hpscit.sc.hp.com!hplextra!hpfco!myers@network.UCSD.EDU
Subject: Quad for HF
To: info-hams@ucsd.edu

> Does anyone know if someone is still making quad antennas for HF?
> "VC" KC0EM

No, but I just HAD to respond to someone with this call!

Bob Myers	KC0EW	Hewlett-Packard Co.	Opinions expressed here are not
		Systems Technology Div.	those of my employer or any other
myers@fc.hp.com		Fort Collins, Colorado	sentient life-form on this planet.

Date: Thu, 18 Feb 1993 13:56:54 GMT

From: usc!cs.utexas.edu!uwm.edu!src.honeywell.com!The-Star.honeywell.com!umn.edu!
kksys.com!edgar!brainiac!moron!lmt!cgc.lmt.com!chrisc@network.UCSD.EDU
Subject: Real Hams Pass British Exams?
To: info-hams@ucsd.edu

In article <1993Feb16.150306.3400@oakhill.sps.mot.com> markm@bigfoot.sps.mot.com
(Mark Monninger) writes:

>Seems to me that when I lived in Scotland in 1981-1983 a foreigner could
>not get a British license except as a reciprocal. At least that's the way
>I understood it from reading one of the RSGB manuals.

Mark,

You're perfectly correct - in 1981 you did have to be a British Subject.
That policy was altered sometime around 1983-4. At the same time, all of
the G5 licenses were revoked, and foreign national's resident in the UK were
issued callsigns from the appropriate series at the time (i.e. G0 or G1).
For visiting foreign amateurs, instead of being issued a G5 reciprocal
callsign, you simply used either G0/ or G1/ (depending on your equivalent
license class, A or B) prepended to your own callsign in your country of
nationality.

i.e. your call would now be G0/AA7TA

Chris

Chris Cox W0/G4JEC
Network Administrator
LaserMaster Technologies
7156 Shady Oak Road
Eden Prairie, MN 55344

chrisc@lmt.mn.org
NIC handle: CC345
Tel: (612) 944-6069
Fax: (612) 944-5544

----- For mail of a more social nature, please use -----
Internet: chrisc@moron.vware.mn.org
Amprnet: chrisc@biggus.g4jec.tcman.ampr.org

Date: 18 Feb 93 21:46:46 GMT
From: pacbell.com!nic2.barrnet.net!biosci!agate!howland.reston.ans.net!wupost!
crcnis1.unl.edu!news.unomaha.edu!cwis.unomaha.edu!rerickso@network.UCSD.EDU
Subject: Shortened Antennas
To: info-hams@ucsd.edu

The more shortened your antenna, the more inefficient it
generally is. Some two meter rubber duckys are reported
to have 7% efficiency. If you do not have the room, a

short antenna is better than no antenna.

The advantage of 1/2-wave antennas is the ground return is not very critical. Otherwise other antenna electrical wavelengths need radials, preferably at least a quarter wavelength long of, ideally, 36 equally spaced ground wires either in or above ground.

Ron
AK0N

Date: Thu, 18 Feb 1993 17:51:02 GMT
From: usc!sdd.hp.com!hpscit.sc.hp.com!hplextra!hpfco!myers@network.UCSD.EDU
Subject: TV antenna questions
To: info-hams@ucsd.edu

> >300 ohm twinlead has *less* loss than coax, especially at UHF.
> >However, it is harder to run properly and coax may offer some
> >marginal improvement in ghost rejection in a strong signal area.
> >If you're in a weak signal area, taking the extra trouble to run
> >high quality foam twinlead properly may make a noticable difference.
>
> True but it *MUST* be installed properly and remain ***DRY***. The
> losses of **WET** 300 ohm twin lead go way way way up.

This depends on the twinlead in question; you do NOT have to go to shielded twinlead to get the lowest possible losses even in wet areas. For example, check out Belden's 8285.

Weather resistance is a function of the outer jacket; I wouldn't count on a shield providing much protection from moisture. The basic advantage of coax over twinlead is not that it's better in the wet, but that coaxial construction is "self-shielding" - i.e., zero loop area makes for little chance for interference to couple into the cable. But it's that same construction that accounts for the higher loss, even with the same dielectric material.

Bob Myers KC0EW Hewlett-Packard Co. |Opinions expressed here are not
 Systems Technology Div. |those of my employer or any other
myers@fc.hp.com Fort Collins, Colorado |sentient life-form on this planet.

Date: 18 Feb 1993 18:13:48 GMT
From: news.larc.nasa.gov!grissom.larc.nasa.gov!kludge@uunet.uu.net

To: info-hams@ucsd.edu

References <1993Feb10.111545.10641@sa.erisoft.se>,
<1993Feb18.073041.27248@ke4zv.uucp>, <1m0ivbINN3jf@darkstar.UCSC.EDU>
Subject : Re: Lin pot type AB?

In article <1m0ivbINN3jf@darkstar.UCSC.EDU> haynes@cats.ucsc.edu (Jim Haynes)
writes:

>

>As several people have mentioned, Allen-Bradley makes an excellent quality
>2-watt pot, and has since at least the 1940s. They call it Type J.
>For a while at least, and maybe they still do, Ohmite made a similar
>style of pot, and they called it Type AB, no doubt in deference to
>Allen-Bradley. You find these new in catalogs of industrial-type
>suppliers such as Allied and Newark. You also find them at surplus
>stores which handle surplus from industrial and military type equipment
>makers.

I am sorry to say that Allen-Bradley no longer makes pots. Their lines
were bought out by Clarostat last year. Clarostat is still making the
type J pot, and I do not believe it has changed much.
--scott

End of Info-Hams Digest V93 #230
